

IN THE SPECIFICATION:

Please amend the paragraph beginning on page 11, line 9, and ending on page 11, line 15, as set forth below:

The heating profile of the heated sample can be adjusted through changing the spacing between the sample containment reservoir 14 and the heating element 12, separately or in combination with activating two or more heating units at the same or different times, *e.g.*, crushing the two heater ampoules 16 in the Mustard Agent Heater Assembly 60 at different times. As used herein, the term ~~heating profile~~ **"heating profile"** describes the effective heating from a variety of heating mechanisms as well as methods to apply this heating using various techniques such as time and spatial adjustments of different heating sources.

On page 25, please amend the Abstract Of The Disclosure as set forth below:

ABSTRACT OF THE DISCLOSURE

~~A sample heater assembly having a heating element that heats a sample containment reservoir is used in conjunction with a chemical detector, such as a M256 Chemical Agent Detector, to detect low volatility chemical warfare agents.~~ A sample heater assembly which permits the detection of low volatility agents by existing chemical agent detectors is described. Existing chemical agent detectors often lack the capability to accurately detect low volatility agents, such as the chemical warfare agent VX. The sample heater assembly provides this capability by heating low volatility agents to vaporization and interfacing with the existing chemical agent detector. The sample heater assembly comprises a sample containment reservoir for holding the low volatility

agent sample, which can be attached to the chemical agent detector, and a heating element which attaches to the sample containment reservoir for heating the sample.